

**CN1218088**

**ACCESSION NUMBER:** 1999-469695 [40] WPIX  
**DOC. NO. CPI:** C1999-138018 [40]  
**TITLE:** Hydrogenation catalyst for petroleum hydrocarbons - is prepared from high-concentration and high-stability solution and pseudo-boehmite through mixing, kneading, extruding, drying and three-stage constant-temperature calcining  
**DERWENT CLASS:** H04; J04  
**INVENTOR:** HE J; LUO X  
**PATENT ASSIGNEE:** (CHPE-N) CHINA PETRO-CHEM CORP; (CHPE-N) CHINA PETROCHEMICAL GEN CO  
**COUNTRY COUNT:** 1

**PATENT INFO ABBR.:**

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
CN 1218088	A	19990602	(199940)*	ZH	1	
CN 1055955	C	20000830	(200470)	ZH		

**APPLICATION DETAILS:**

PATENT NO	KIND	APPLICATION	DATE
CN 1218088 A		CN 1997-122135	19971124

**PRIORITY APPLN. INFO:** CN 1997-122135 19971124**AN** 1999-469695 [40] WPIX**AB** CN 1218088 A UPAB: 20060115

A catalyst for hydrogenating petroleum hydrocarbons (such as hydrocracking and hydrorefining, e.g., removing sulfur, nitrogen and metals) is prepared from high-concentration and high-stability solution (containing at least one element in VIB family, such as Mo or W, one element in VIII family, such as Ni or Co, and one inorganic acid, such as  $\text{H}_3\text{PO}_4$ ) and pseudo-boehmite through mixing, kneading, extruding to obtain bars, drying at 110-130 deg.C and three-stage constant-temperature calcining.

ADVANTAGE - The catalyst has high activity.

## Hydrogenation catalyst and preparation thereof

Patent Number: CN1218088  
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Inventor(s): HE JINHAI (CN); LUO XIHUI (CN)  
Applicant(s): CHINA PETROCHEMICAL GEN CORP (CN)  
Requested Patent: CN1218088  
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Priority Number(s): CN19970122135 19971124  
IPC Classification: C10G45/08  
EC Classification:  
Equivalents: CN1055955B

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### Abstract

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A catalyst for hydrogenating petroleum hydrocarbons (such as hydrocracking and hydrorefining, for example, removing sulfur, nitrogen and metals) is prepared from high-concentration and high-stability solution (containing at least one element in VIB family, such as Mo or W, one element in VIII family, such as Ni or Co, and one inorganic acid, such as  $\text{H}_2\text{PO}_4$ ) and pseudo-boehmite through mixing, kneading, extruding out to obtain bars, drying at 110-130 deg.C and three-stage constant-temp calcine. Said catalyst has high activity.

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